

202010-99919560

1 ttttttttttttgag ATG GAG TTT TCG CTC TTG TTG CCC AGG CTG GAG TGC AAT GGC GCA ATC 62  
 1 M E F S L L L P R L E C N G A I 16

63 TCA GCT CAC CGC AAC CTC CGC CTC CGG GGT TCA AGC GAT TCT CCT GCC TCA GCC TCC CCA 122  
 17 S A H R N L R L P G S S D S P A S A S P 36

123 GTA GCT GGG ATT ACA GGC ATG TGC ACC CAC GCT CGG CTA ATT TTG TAT TTT TTT TTA GTA 182  
 37 V A G I T G M C T H A R L I L Y F F L V 56

183 GAG ATG GAG TTT CTC CAT GTT GGT CAG GCT GGT CTC GAA CTC CCG ACC TCA GAT GAT CCC 242  
 57 E M E F L H V G Q A G L E L P T S D D P 76

243 TCC CTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GCC CGG CTC TGC CTG 302  
 77 S V S A S Q S A R Y R T G H A R L C L 96

303 GCT AAT TTT TGT GGT AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGG TCT CCT GAG CTC 362  
 97 A N F C G R N R V S L M C P S W S P E L 116

363 AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT 422  
 117 K Q S T C L S L P K C W D Y R R A A V P 136

423 GGC CTT TTT ATT TTA TTT TTT TTA AGA CAC AGG TGT CCC ACT CTT ACC CAG GAT GAA GTG 482  
 137 G L F I L F L R H R C P T L T Q D E V 156

FIG. 1A

Appl. 10/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

483	CAG TGG TGT GAT CAC AGC TCA CTG CAG CCT TCA ACT CCT GAG ATC AAG CAT CCT CCT GCC	542
157	Q W C D H S S L Q P S T P E I K H P P A	176
543	TCA GCC TCC CAA GTA GCT GGG ACC AAA GAC ATG CAC CAC TAC ACC TGG CTA ATT TTT ATT	602
177	S A S Q V A G T K D M H H Y T W L I F I	196
603	TTT ATT TTT AAT TTT TIG AGA CAG AGT CTC AAC TCT GTC ACC CAG GCT GGA GTG CAG TGG	662
197	F I F N F L R Q S L N S V T Q A G V Q W	216
663	CGC AAT CTT GGC TCA CTG CAA CCT CTG CCT CCC GGG TTC AAG TTA TTC TCC TGC CCC AGC	722
217	R N L G S L Q P L P P G F K L F S C P S	236
723	CTC CTG AGT AGC TGG GAC TAC AGG CGC CCA CGC CTA GCT AAT TTT TTT GTA TTT TTA	782
237	L L S S W D Y R R P P R L A N F F V F L	256
783	GTA GAG ATG GGG TTC ACC ATG TTC GCC AGG TIG ATC TIG ATC TCT GGA CCT TGT GAT CTG	842
257	V E M G F T M F A R L I L I S G P C D L	276
843	CCT GCC TCC CAA AGT GCT GGG ATT ACA GGC GTG AGC CAC GGC CGG CTT ATT	902
277	P A S A S Q S A G I T G V S H H A R L I	296
903	TTT AAT TTT TGT TIG TTT GAA ATG GAA TCT CAC TCT GTT ACC CAG GCT GGA GTG CAA TGG	962
297	F N F C L F E M E S H S V T Q A G V Q W	316

FIG. 1B

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Appl. No. 03/000666; Group Art Unit: 1633  
Dkt. No. 0609.4370003; Batch No.: N/A  
Inventors: de la Monte *et al.*; Tel: 202/371-2600  
Title: Transgenic Animals and Cell Lines for Screening Drug  
Effective for the Treatment or Prevention of Alzheimer's etc.

963 CCA AAT CTC GGC TCA CTG CAA CCT CTG CCT CCC GGG CTC AAG CGA TTC TCC TGT CTC AGC 1022  
317 P N L G S L Q P L P P G L K R F S C L S 336

1023 CTC CCA AGC AGC TGG GAT TAC GGG CAC CTG CCA CAC CCC GCT AAT TTT TGT ATT TTC 1082  
337 L P S S W D Y G H L P P H P A N F C I F 356

1083 ATT AGA GGC GGT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgc 1143  
357 I R G G V S P Y L S G W S Q T P D L R 375

1144 ccacctgcctcagcctccaaagtgcagggtacaggcgtgagccacctcaccagccggctaatcttagatataaaat 1223

1224 atgtagcaatgggggtcttgctatgttgccaggtggctcaactcttggtctcatgcaatccttccaatgagcca 1303

1304 caacaccagccagtcacatcttttaaacagttacatctttatcttagtatactagaagtaatacaataaacatgtcaa 1383

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FIG. 1C

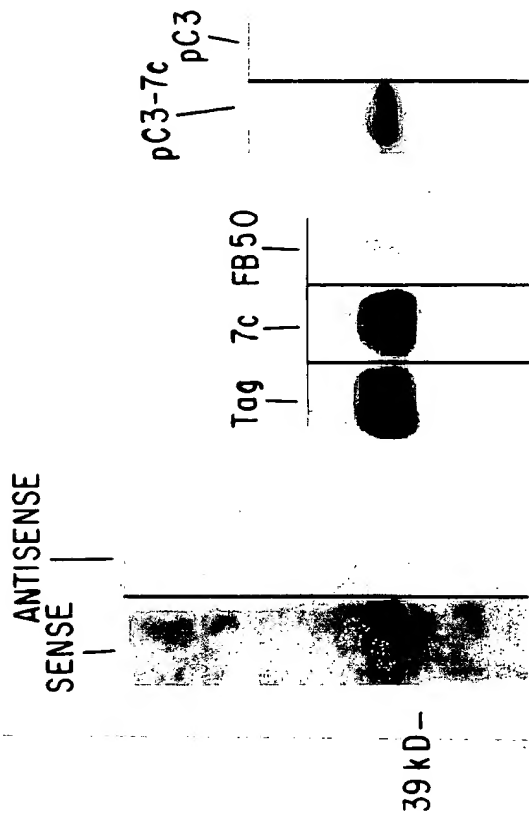
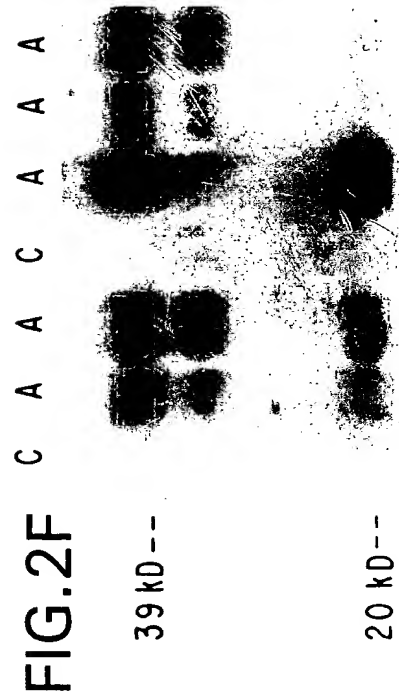
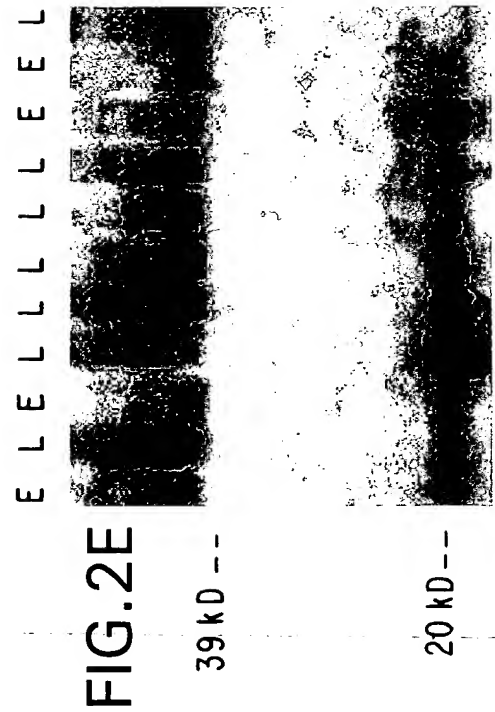
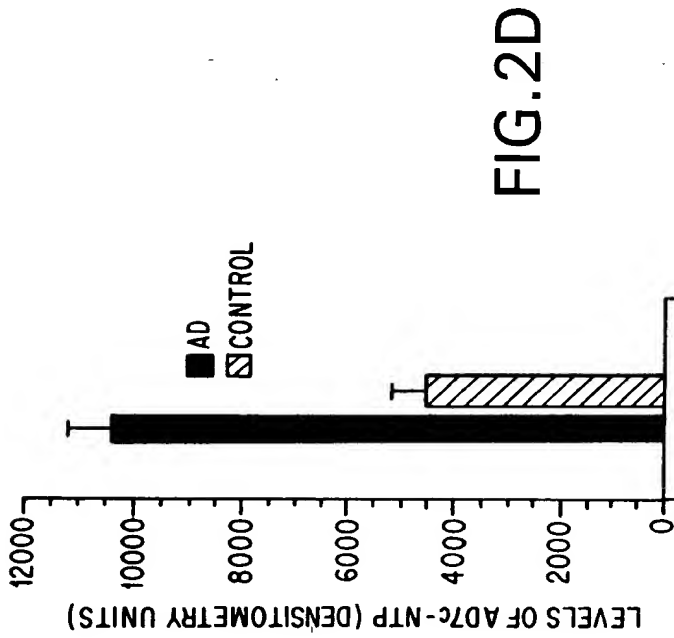
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FIG.2A FIG.2B FIG.2C



App. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

202070\* 99979660

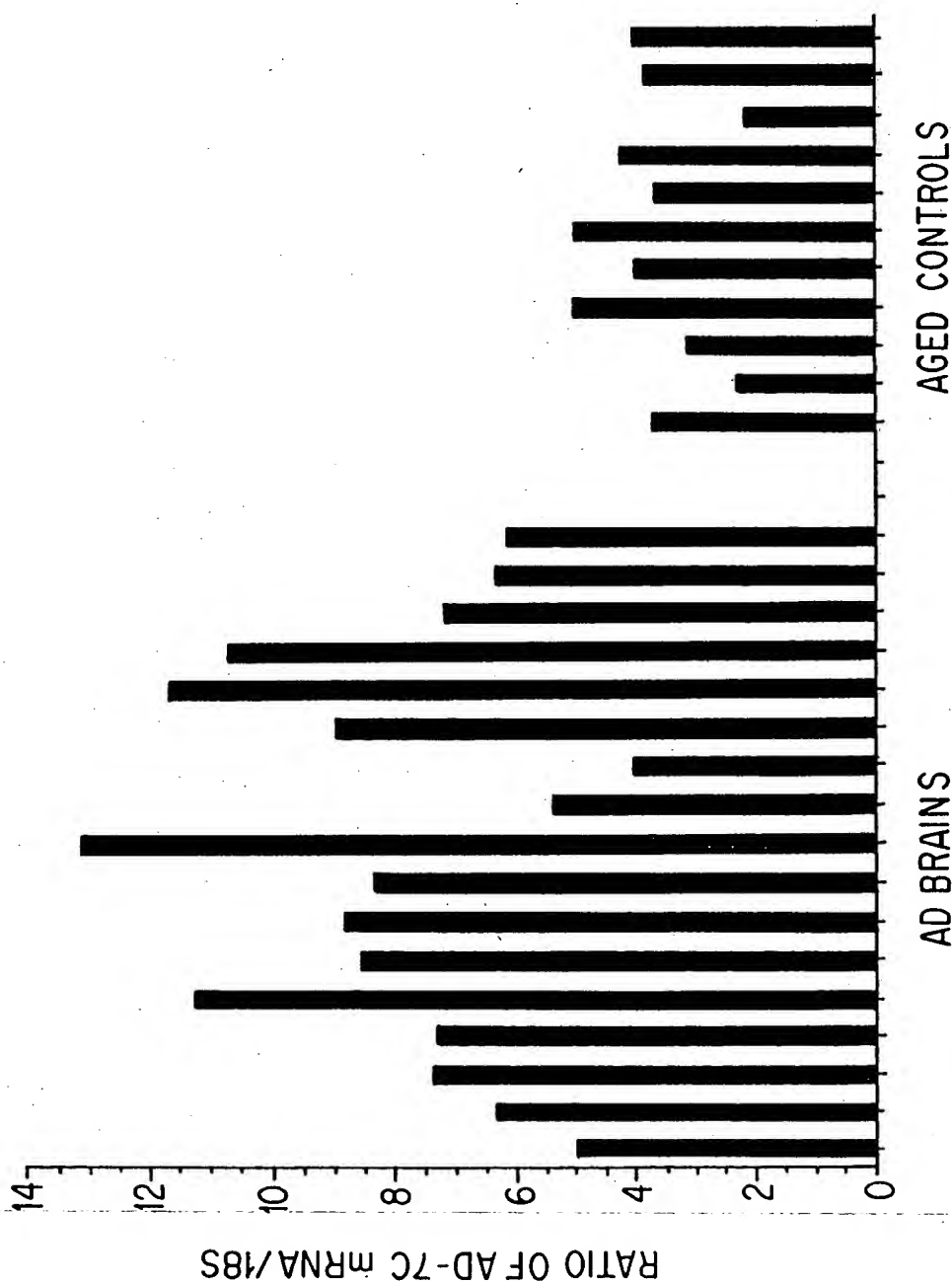


FIG. 3A

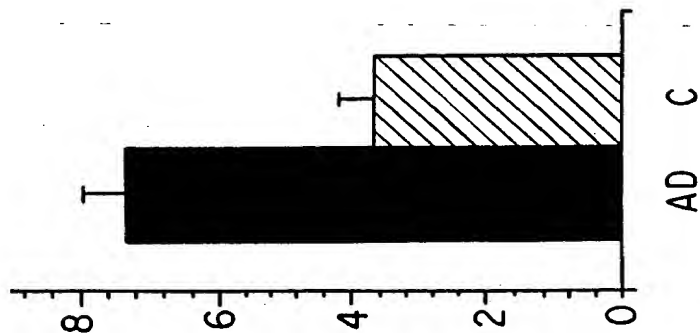


FIG. 3B

Appl. No. 09/964,666; Group Art Unit: 1633  
Dkt. No. 0609.4370003; Batch No.: N/A  
Inventors: de la Monte *et al.*; Tel: 202/371-2600  
Title: Transgenic Animals and Cell Lines for Screening Drug  
Effective for the Treatment or Prevention of Alzheimer's etc.



FIG. 3C



FIG. 3D

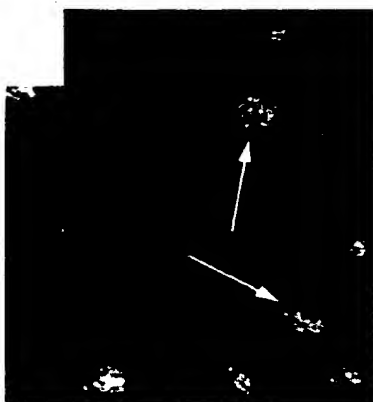


FIG. 3E



FIG. 3F

09964666-010202

App. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

202070\*99949660

FIG. 4D



FIG. 4C

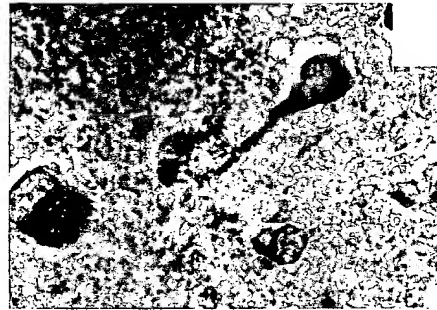


FIG. 4B

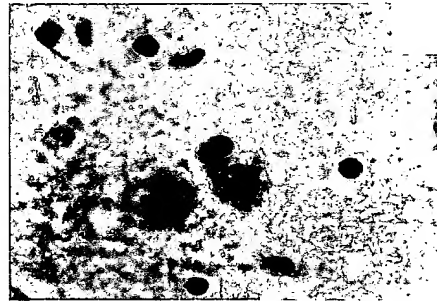


FIG. 4A

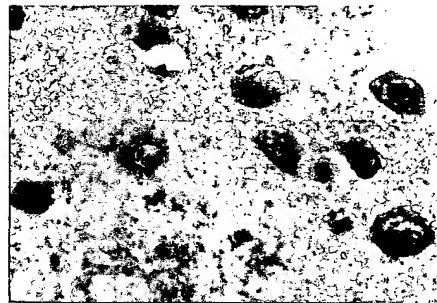


FIG. 4H

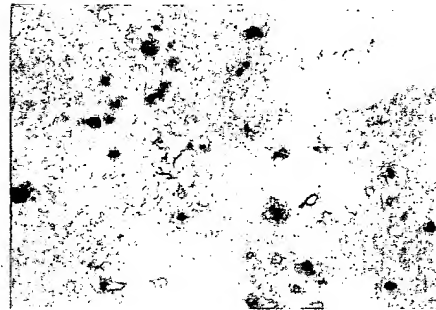


FIG. 4G

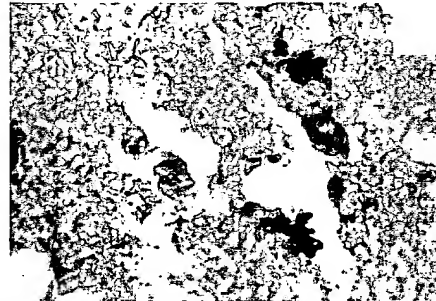


FIG. 4F



FIG. 4E

Appl. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

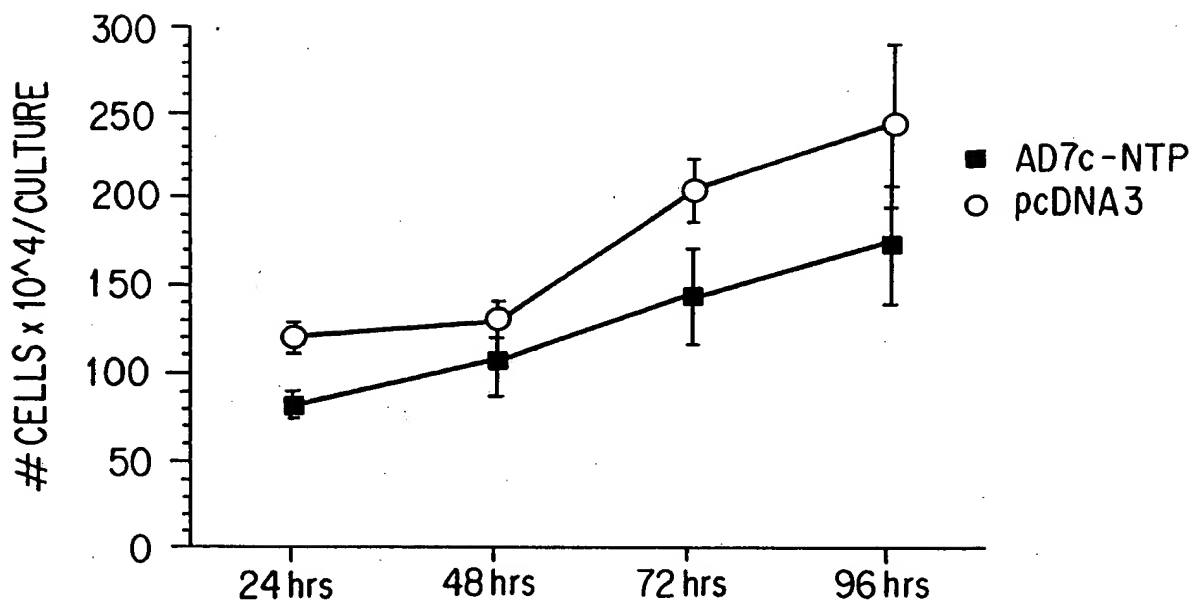


FIG. 5A

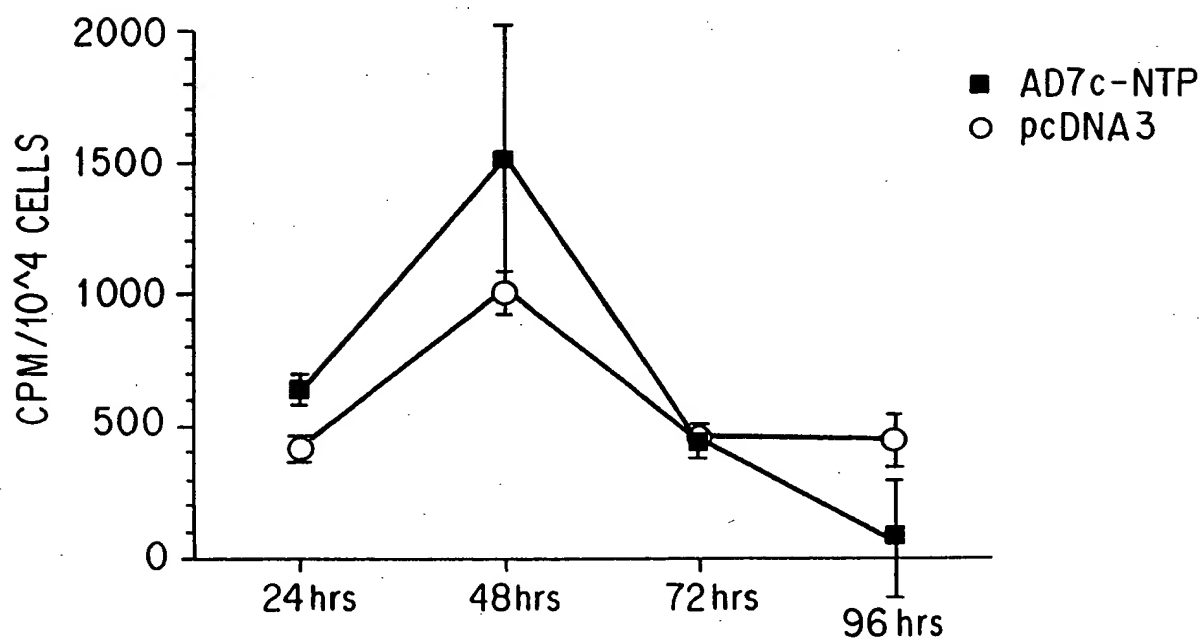


FIG. 5B



Appl. No. 09/964,666; Group Art Unit: 1633  
Dkt. No. 0609.4370003; Batch No.: N/A  
Inventors: de la Monte *et al.*; Tel: 202/371-2600  
Title: Transgenic Animals and Cell Lines for Screening Drug  
Effective for the Treatment or Prevention of Alzheimer's etc.

FIG. 6A

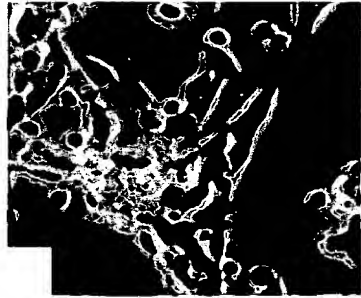


FIG. 6B



FIG. 6E

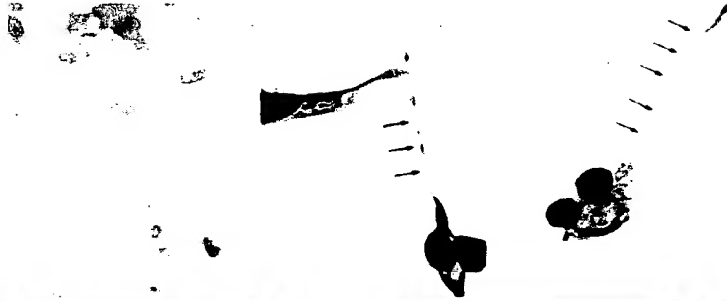


FIG. 6F



FIG. 6G



FIG. 6C

FIG. 6D

Appl. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

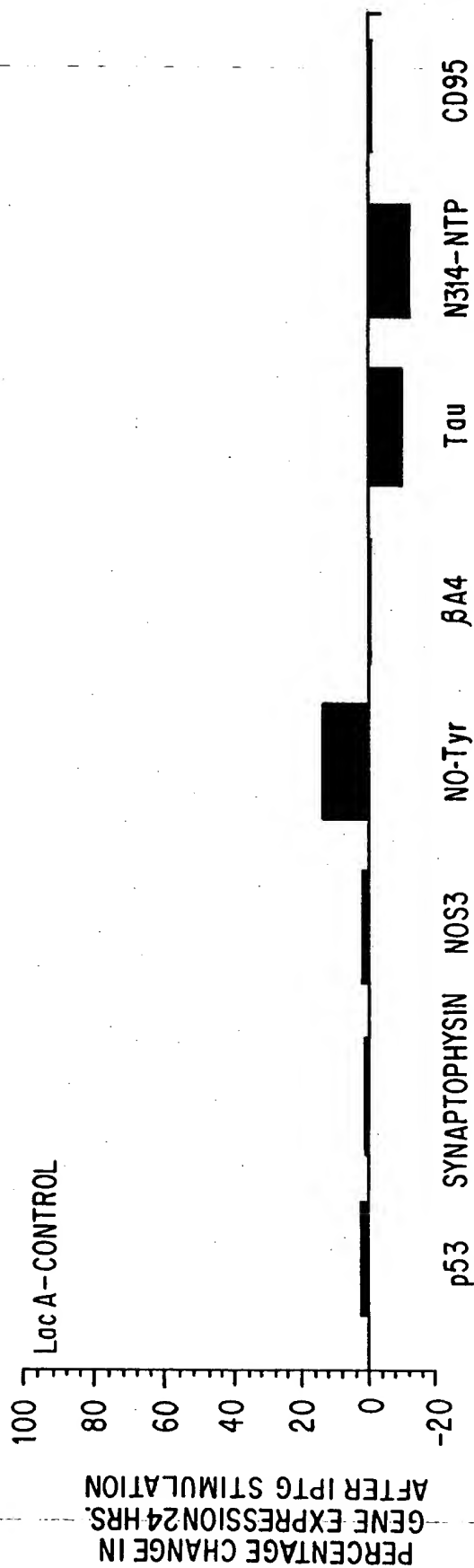


FIG. 7A

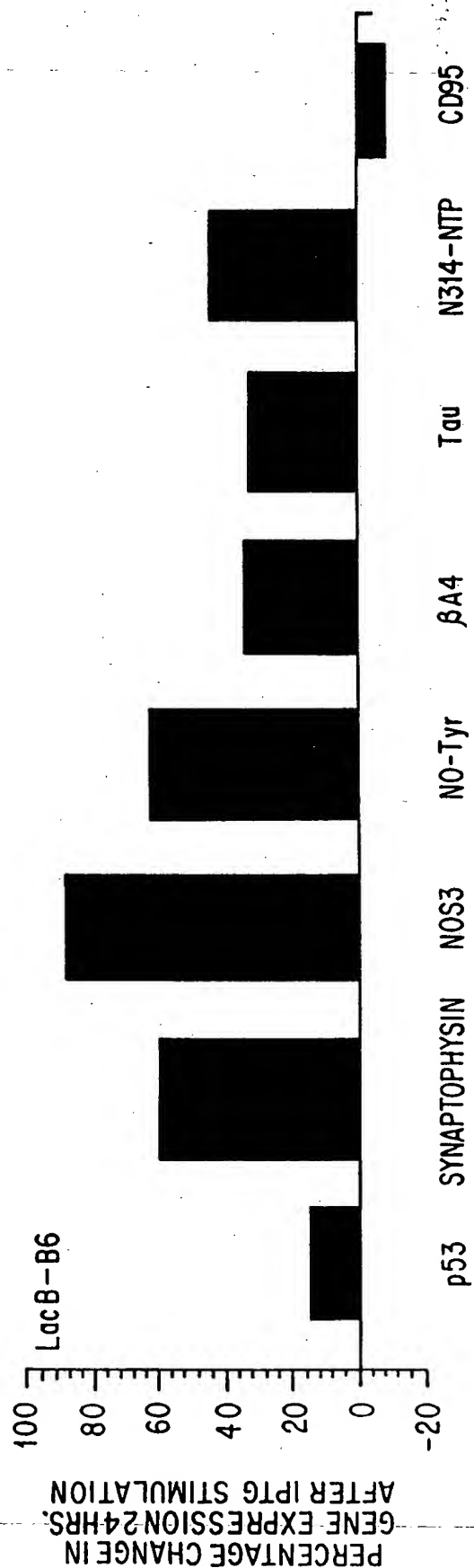


FIG. 7B

202070-99949660

No. 09/964,666; Group Art Unit: 1633  
 Patent No. 0609,437,000; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

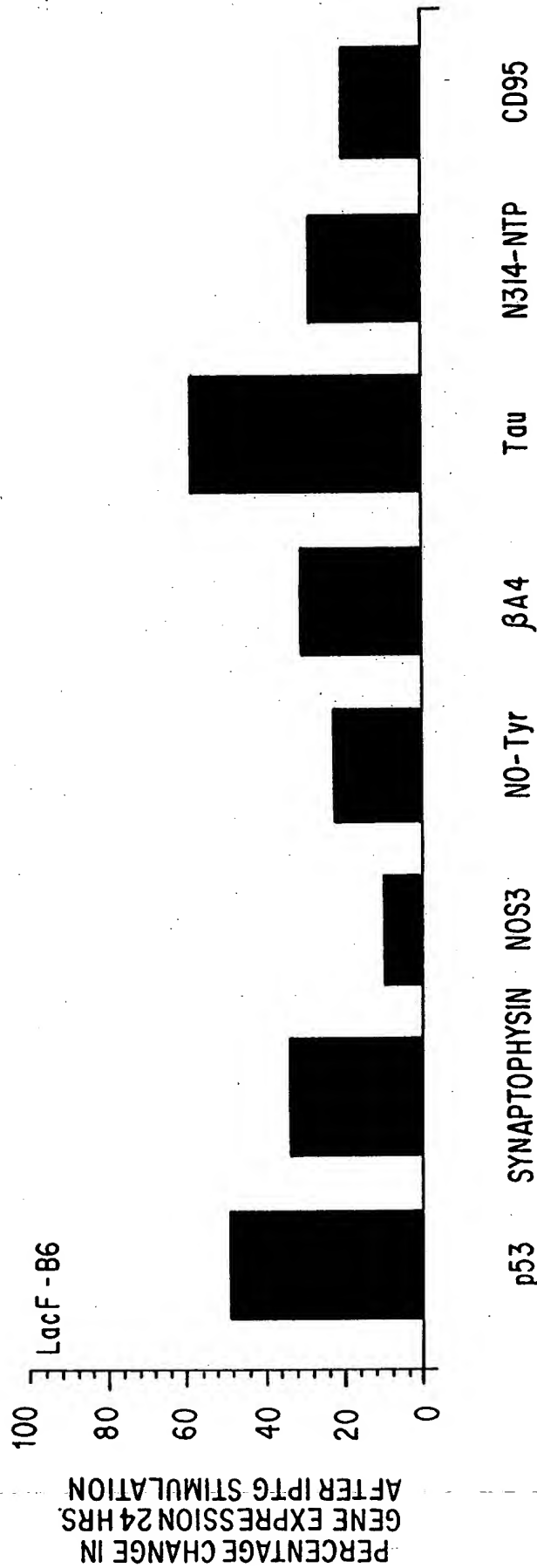


FIG. 7C

202070-99949660

Appl. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drug  
 Effective for the Treatment or Prevention of Alzheimer's etc.

% CHANGE WITH IPTG STIMULATION

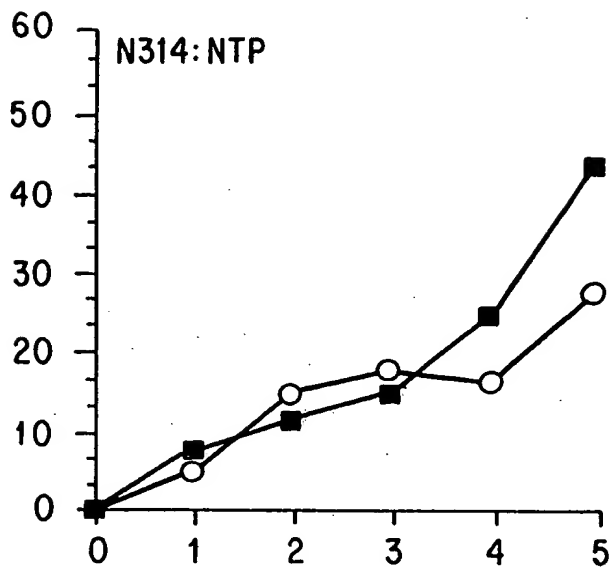


FIG. 8A

% CHANGE WITH IPTG STIMULATION

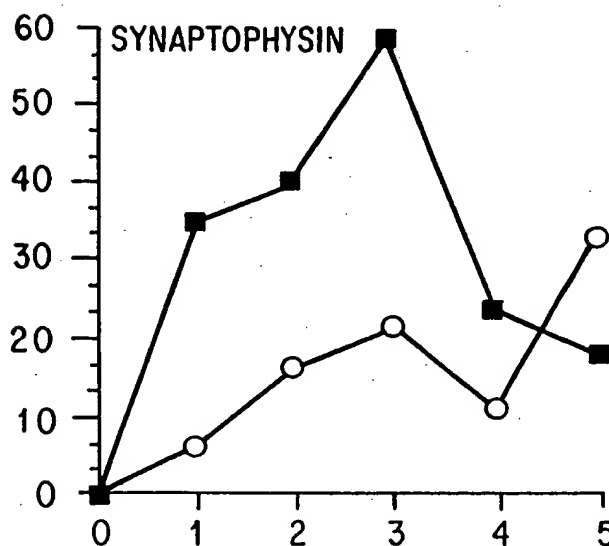


FIG. 8B

Appl. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

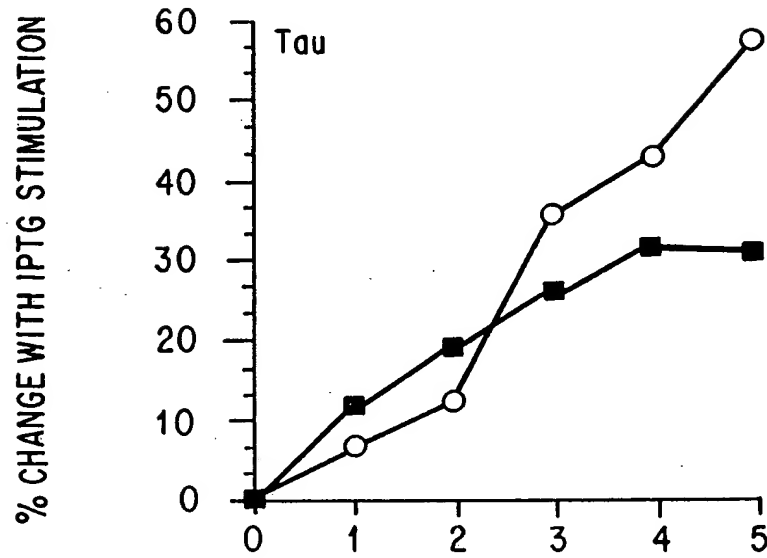


FIG. 8C

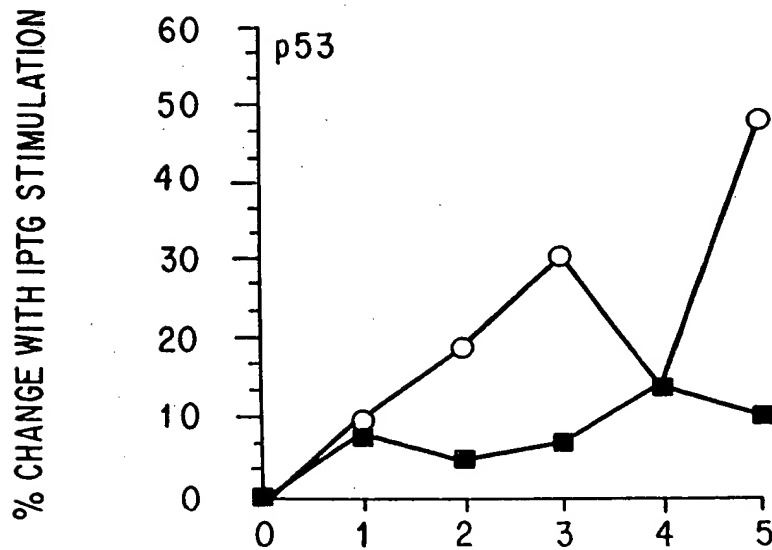


FIG. 8D

Appl. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

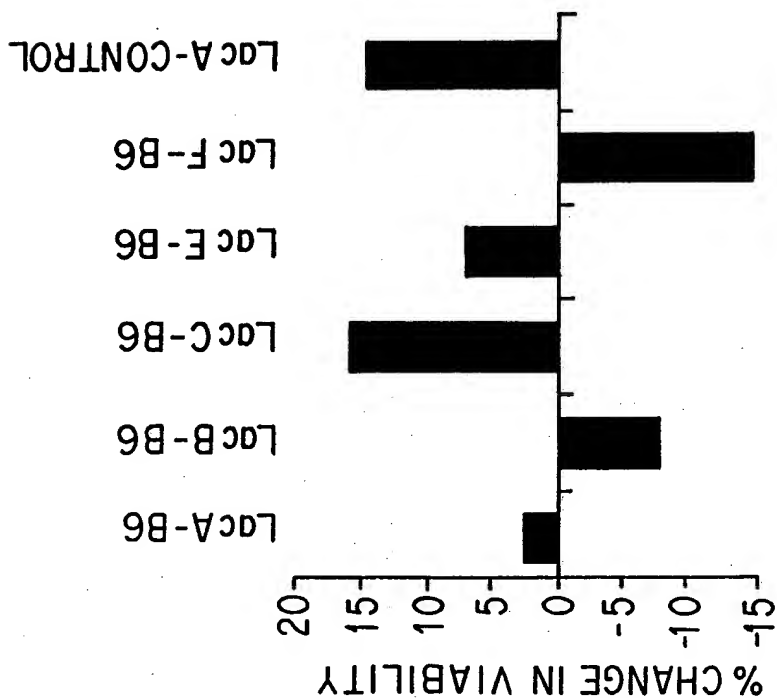


FIG. 9B

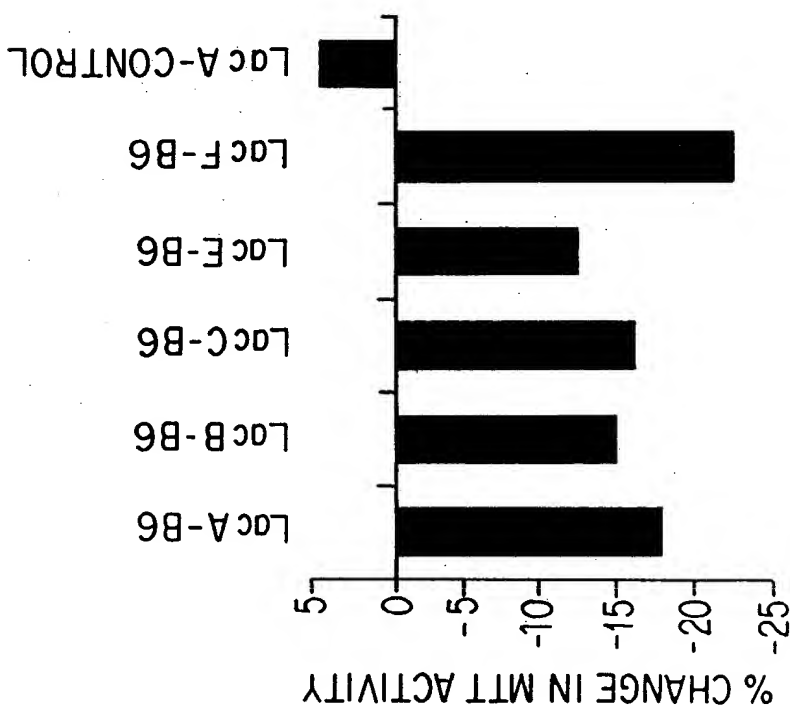


FIG. 9A

0096466-010202

Appl. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drug  
 Effective for the Treatment or Prevention of Alzheimer's etc.

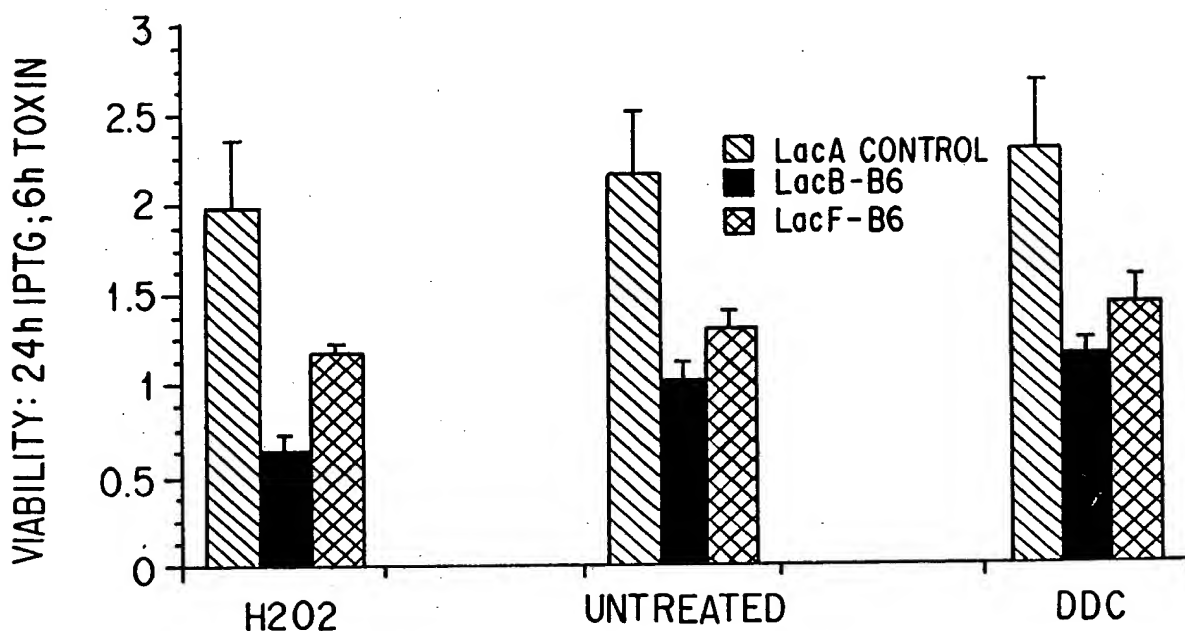


FIG. 10A

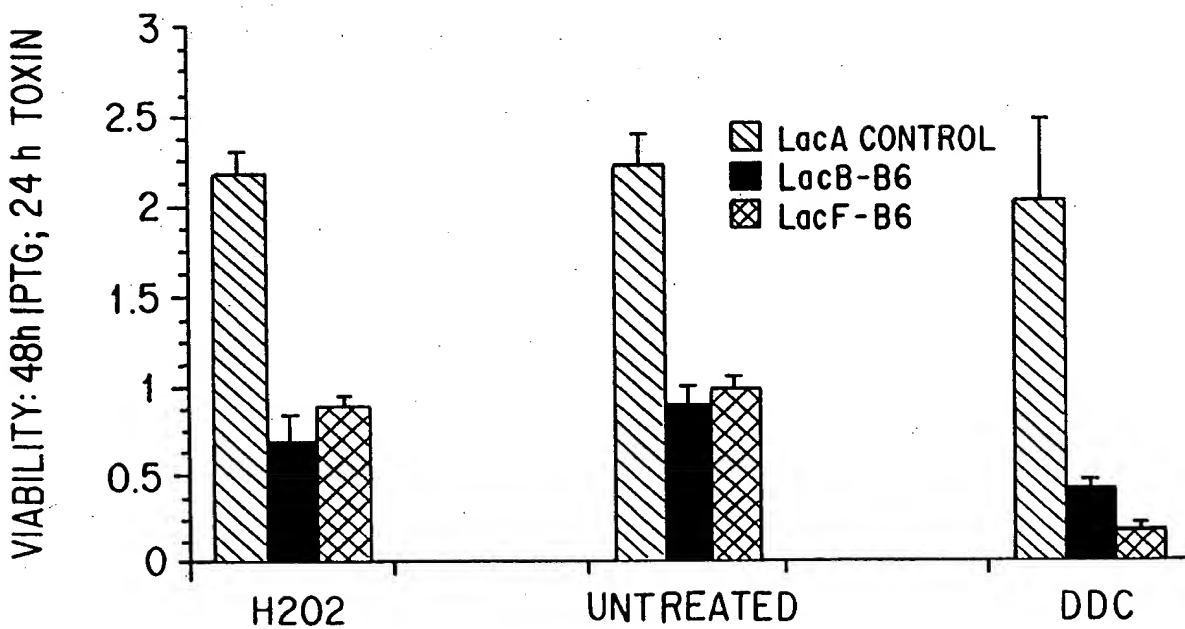


FIG. 10B

Appl. No. 09/964,666; Group Art Unit: 1633  
 Dkt. No. 0609.4370003; Batch No.: N/A  
 Inventors: de la Monte *et al.*; Tel: 202/371-2600  
 Title: Transgenic Animals and Cell Lines for Screening Drugs  
 Effective for the Treatment or Prevention of Alzheimer's etc.

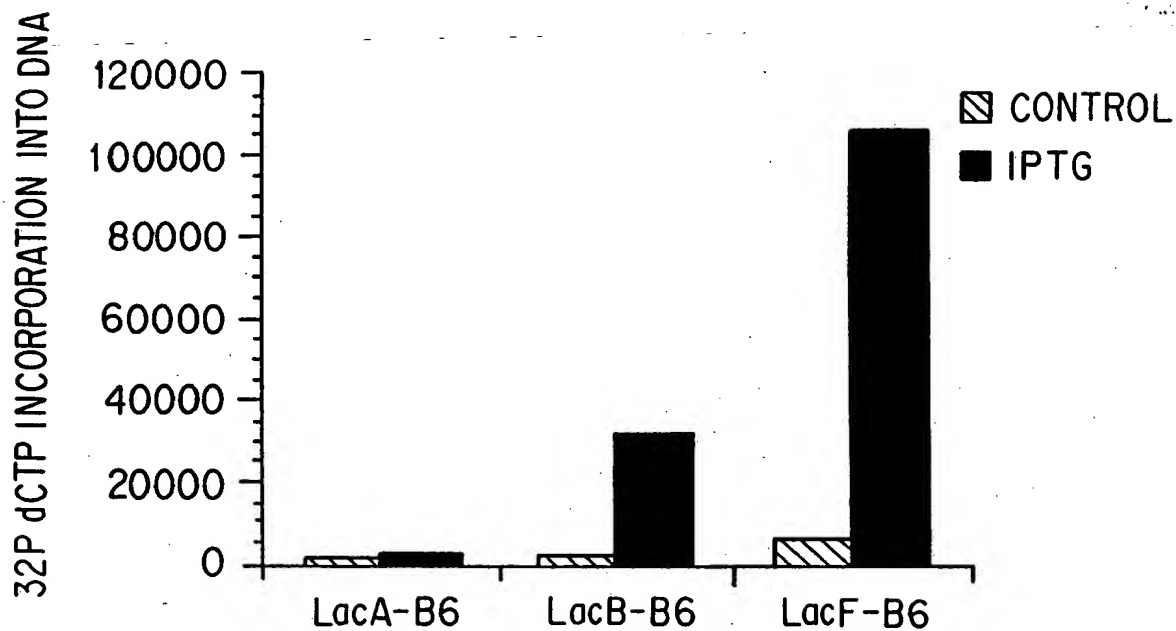


FIG. 11

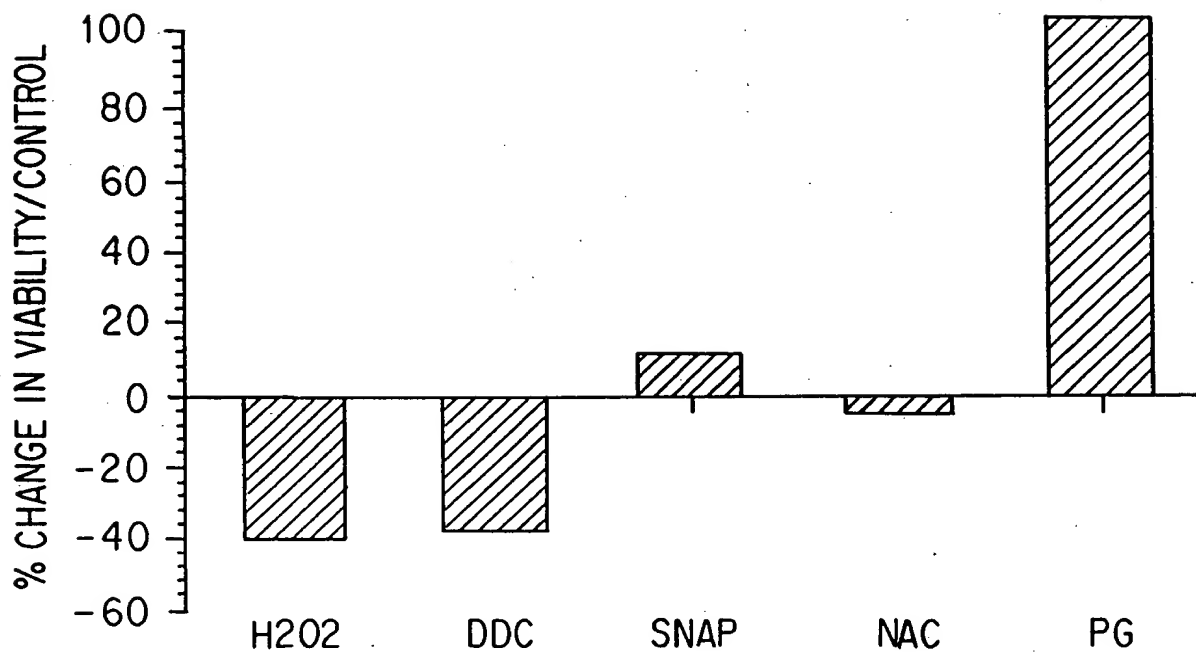


FIG. 12